

# CITATION REPORT

List of articles citing

Advanced cryo-tomography workflow developments -  
correlative microscopy, milling automation and cryo-lift-out

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Journal of Microscopy, 2021, 281, 112-124.

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#	Paper	IF	Citations
30	The In Situ Structure of Parkinson's Disease-Linked LRRK2. <i>Cell</i> , <b>2020</b> , 182, 1508-1518.e16	56.2	57
29	Recent Advances in Single-Particle Electron Microscopic Analysis of Autophagy Degradation Machinery. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
28	Maintaining Context in Ice: Cryo-EM/ET Workflow Optimizations. <i>Structure</i> , <b>2020</b> , 28, 1179-1181	5.2	
27	An introduction to cryo-FIB-SEM cross-sectioning of frozen, hydrated Life Science samples. <i>Journal of Microscopy</i> , <b>2021</b> , 281, 138-156	1.9	11
26	Cryo-FIB preparation of whole cells and tissue for cryo-TEM: use of high-pressure frozen specimens in tubes and planchets. <i>Journal of Microscopy</i> , <b>2021</b> , 281, 125-137	1.9	7
25	Cryo-FIB-lift-out: practically impossible to practical reality. <i>Journal of Microscopy</i> , <b>2021</b> , 281, 157-174	1.9	18
24	Endocytosed nanogold fiducials for improved in-situ cryo-electron tomography tilt-series alignment. <i>Journal of Structural Biology</i> , <b>2021</b> , 213, 107698	3.4	3
23	Correlative imaging for polymer science. <i>Journal of Polymer Science</i> , <b>2021</b> , 59, 1232-1240	2.4	1
22	A Modular Platform for Streamlining Automated Cryo-FIB Workflows.		2
21	CorRelator: Interactive software for real-time high precision cryo-correlative light and electron microscopy. <i>Journal of Structural Biology</i> , <b>2021</b> , 213, 107709	3.4	5
20	Deposition-free Cryo-FIB Lift-out Transfer for Cryo-Electron Tomography Specimen Preparation. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 3032-3034	0.5	
19	Cryo-Confocal Imaging for CLEM Mapping in Brain Tissues. <i>Microscopy Today</i> , <b>2021</b> , 29, 34-39	0.4	
18	Transition of <i>Vibrio cholerae</i> through a natural host induces resistance to environmental changes.		
17	Waffle method: A general and flexible approach for FIB-milling small and anisotropically oriented samples.		5
16	Recent Advances in Gas Injection System-Free Cryo-FIB Lift-Out Transfer for Cryo-Electron Tomography of Multicellular Organisms and Tissues. <i>Microscopy Today</i> , <b>2022</b> , 30, 42-47	0.4	0
15	A modular platform for automated cryo-FIB workflows.. <i>ELife</i> , <b>2021</b> , 10,	8.9	8
14	How advances in cryo-electron tomography have contributed to our current view of bacterial cell biology.. <i>Journal of Structural Biology: X</i> , <b>2022</b> , 6, 100065	2.9	2

13	Better, Faster, Cheaper: Recent Advances in Cryo-Electron Microscopy.. <i>Annual Review of Biochemistry</i> , <b>2022</b> ,	29.1	1
12	Waffle Method: A general and flexible approach for improving throughput in FIB-milling.. <i>Nature Communications</i> , <b>2022</b> , 13, 1857	17.4	4
11	Capturing actin assemblies in cells using in situ cryo-electron tomography.. <i>European Journal of Cell Biology</i> , <b>2022</b> , 101, 151224	6.1	0
10	Immunoelectron Microscopy: High Resolution Immunocytochemistry. <b>2022</b> ,		
9	Quantitative Cryo-Electron Tomography. <i>Frontiers in Molecular Biosciences</i> , 9,	5.6	0
8	On the Road to Correlative Cryo-Lift-Out, Fully Automated Waffles and Beyond [Make the Most out of your Tissue Sample. <b>2022</b> , 28, 1292-1295		
7	Electron microscopy of cellular ultrastructure in three dimensions. <b>2022</b> , 76, 102444		0
6	Protocol for live-cell fluorescence-guided cryoFIB-milling and electron cryo-tomography of virus-infected cells. <b>2022</b> , 3, 101696		0
5	Cryomicroscopy in situ: what is the smallest molecule that can be directly identified without labels in a cell?.		0
4	Near-Native Visualization of SARS-CoV-2 Induced Membrane Remodeling and Virion Morphogenesis. <b>2022</b> , 14, 2786		0
3	Integrated multimodality microscope for accurate and efficient target-guided cryo-lamellae preparation.		0
2	Cryo-FIB workflow for imaging brain tissue via in situ cryo-electron microscopy.		0
1	Serial Lift-Out [Sampling the Molecular Anatomy of Whole Organisms.		0